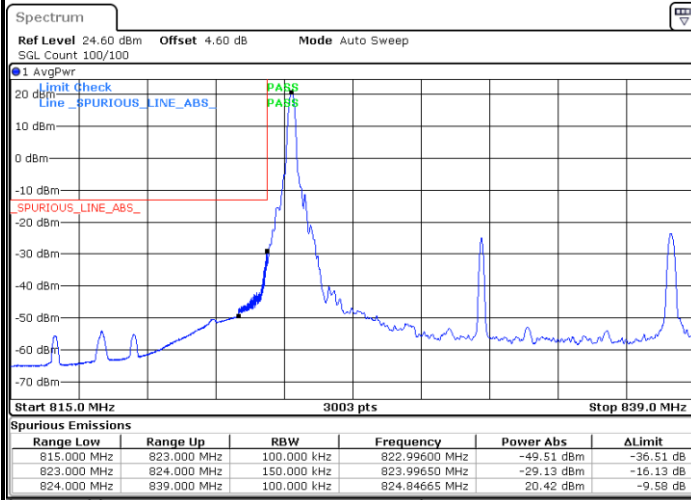


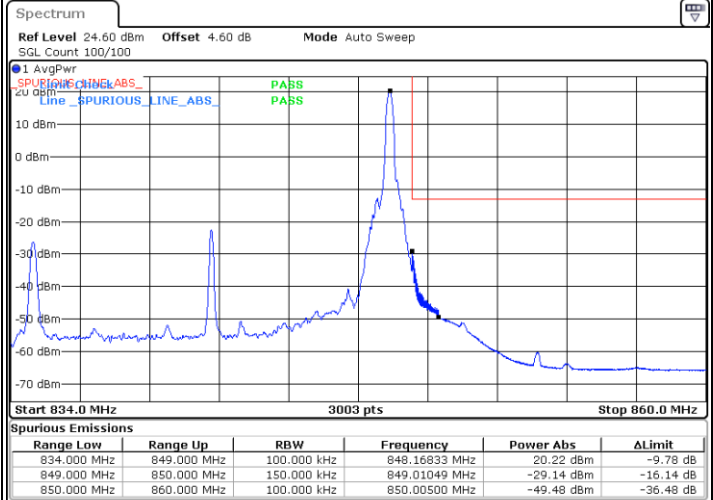


LTE Band 26 / 15MHz / QPSK

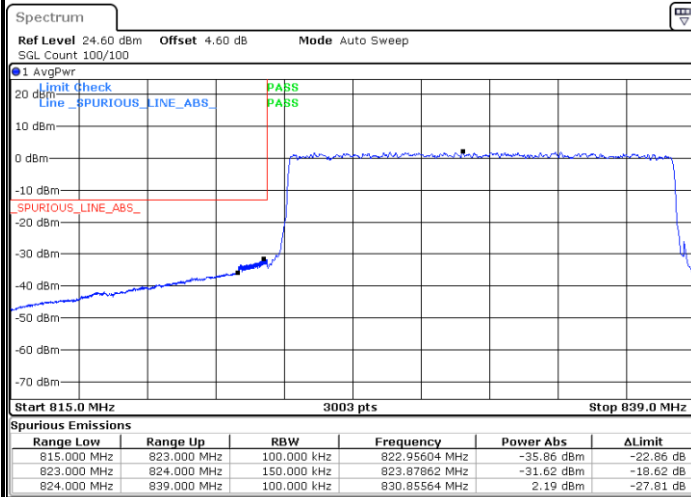
Lowest Band Edge / 1 RB



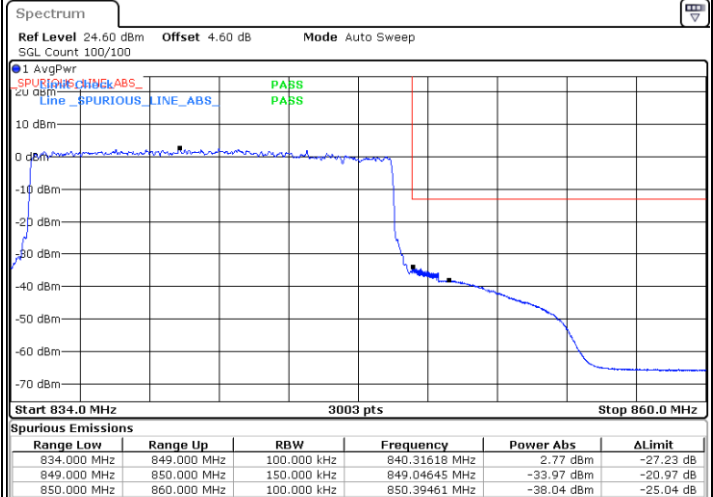
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



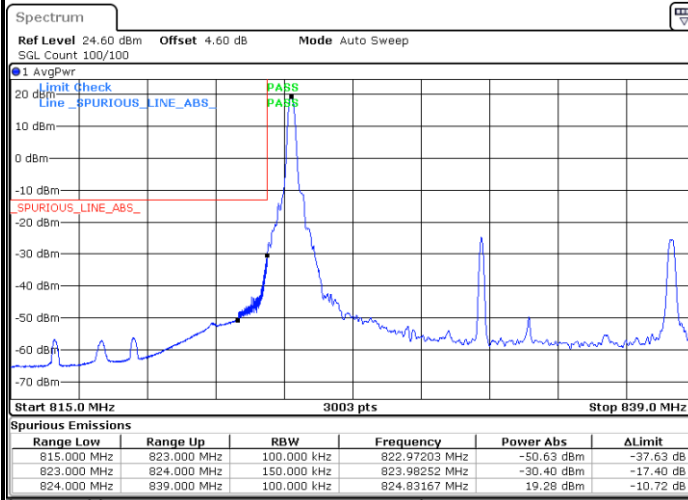
Highest Band Edge / Full RB



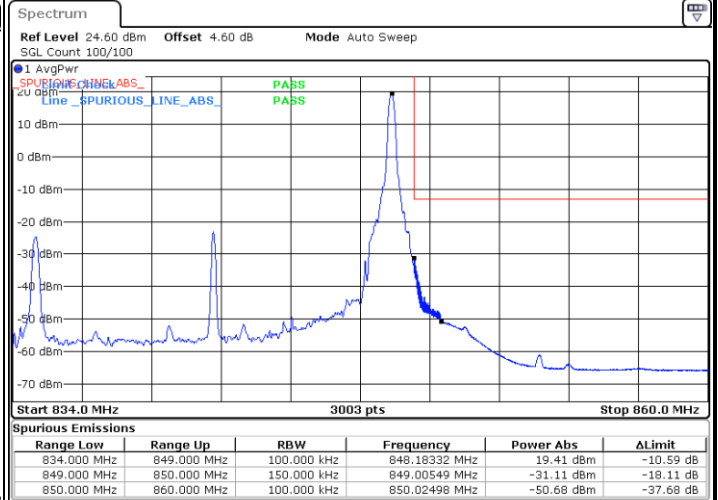


LTE Band 26 / 15MHz / 16QAM

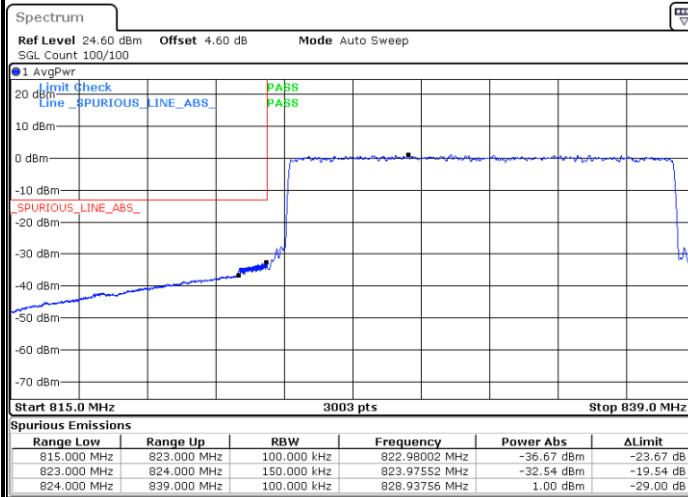
Lowest Band Edge / 1 RB



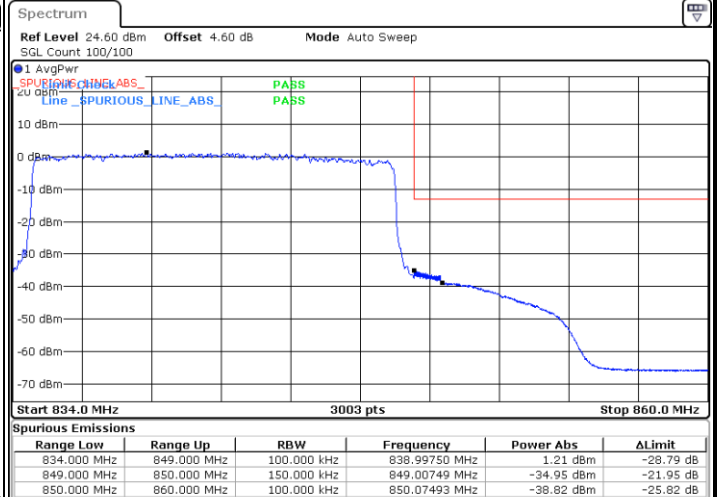
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

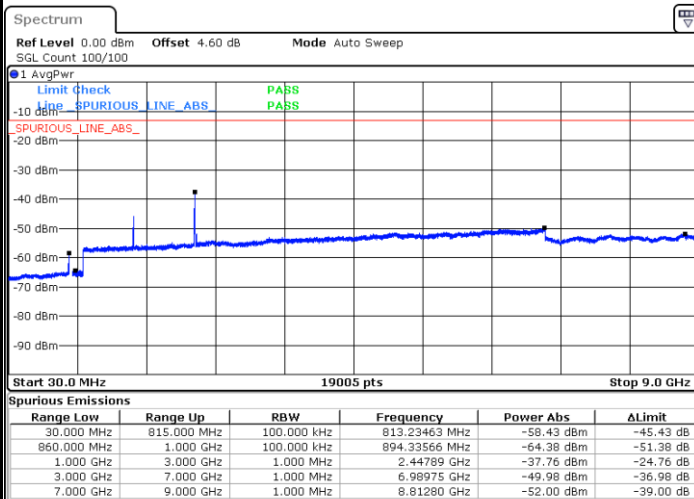




Conducted Spurious Emission

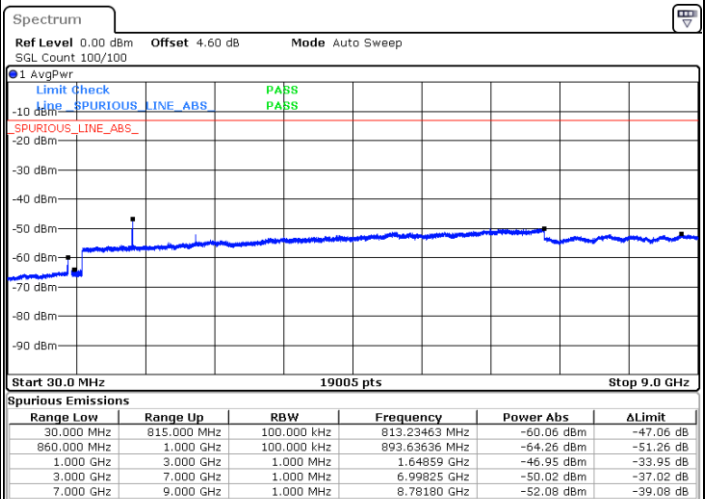
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



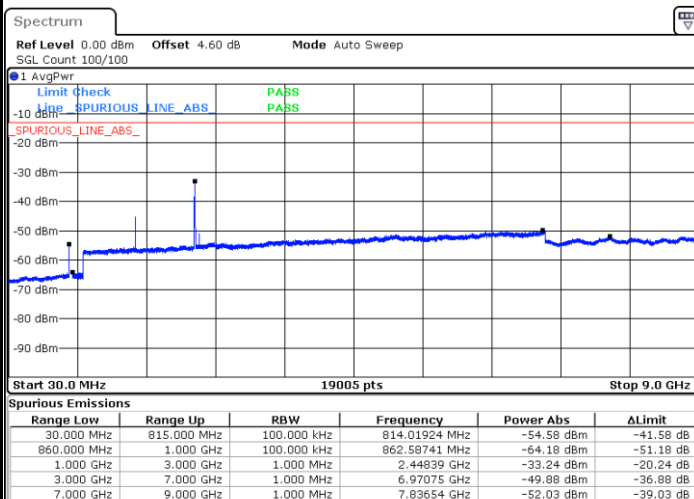
Date: 3 DEC. 2019 10:31:21

Lowest Channel / 16QAM



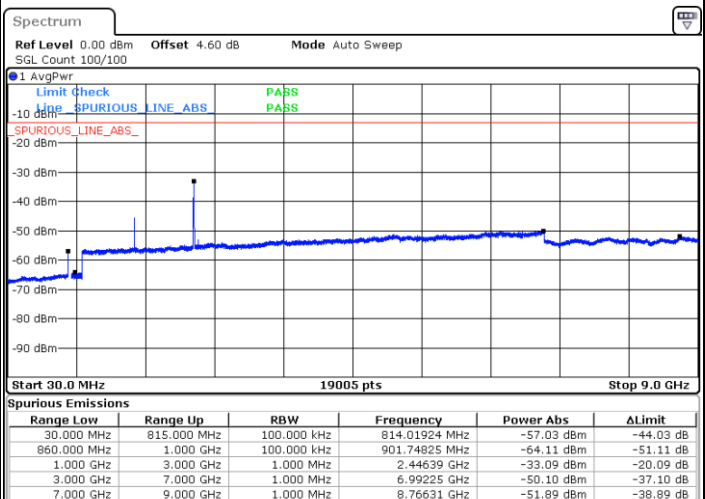
Date: 3 DEC. 2019 10:31:46

Middle Channel / QPSK



Date: 3 DEC. 2019 10:32:39

Middle Channel / 16QAM

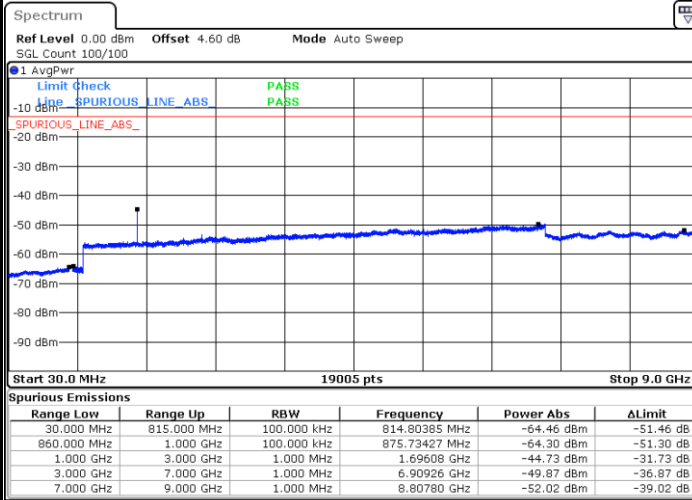


Date: 3 DEC. 2019 10:32:13



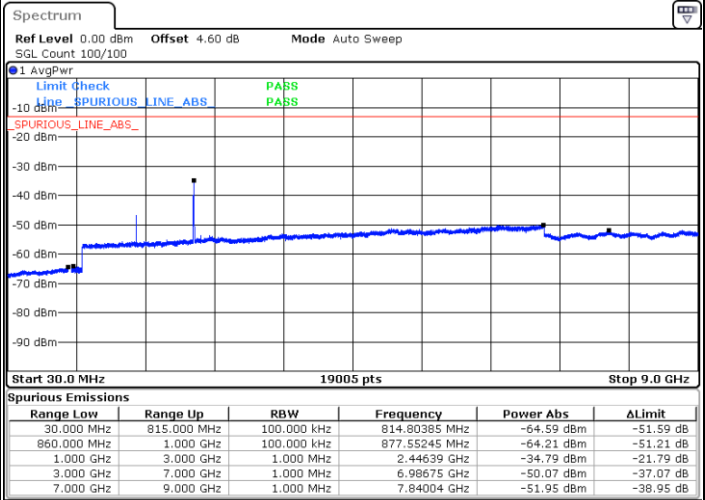
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 3 DEC 2019 10:33:10

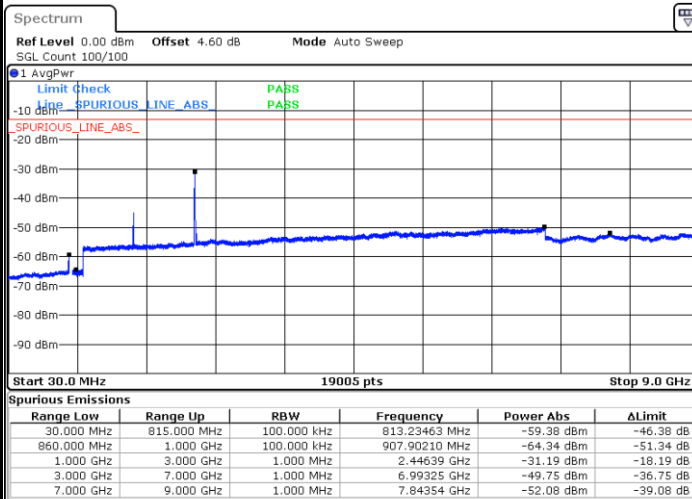
Highest Channel / 16QAM



Date: 3 DEC 2019 10:33:47

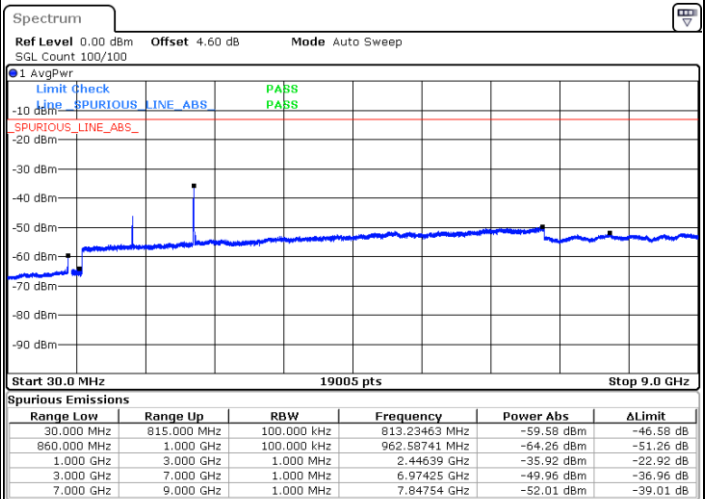
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 3 DEC 2019 10:44:02

Lowest Channel / 16QAM

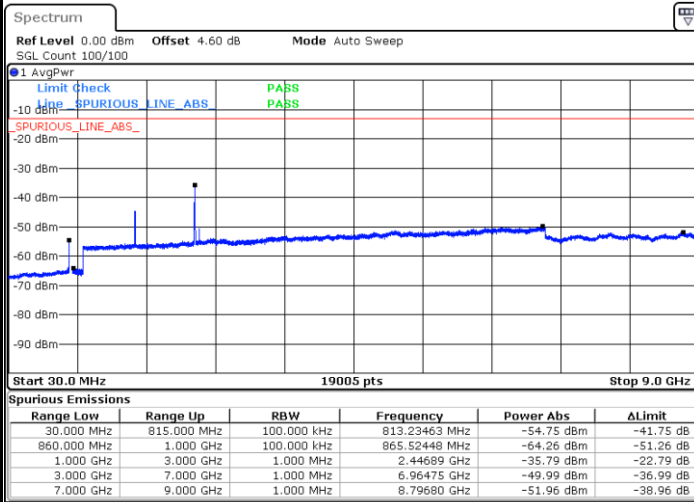


Date: 3 DEC 2019 10:44:28



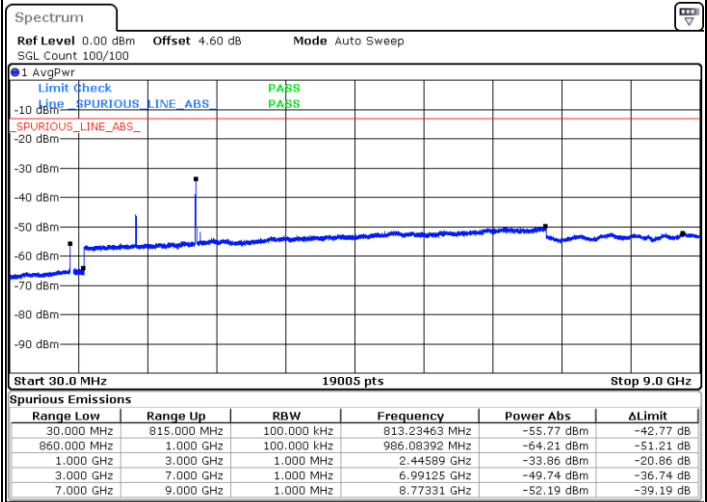
LTE Band 26 / 3MHz

Middle Channel / QPSK



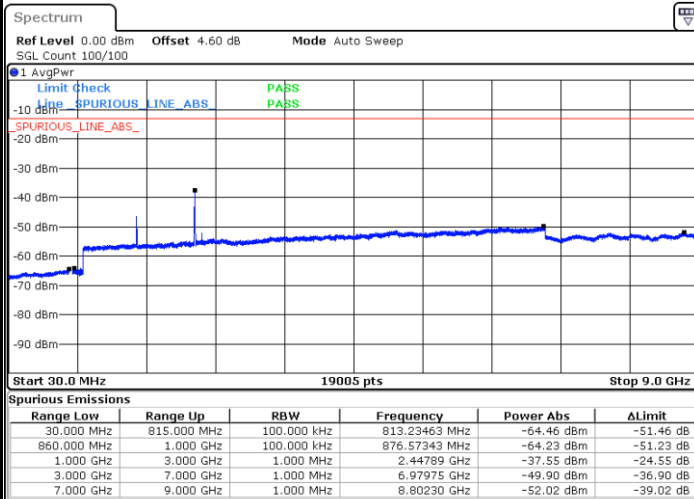
Date: 3 DEC. 2019 10:45:30

Middle Channel / 16QAM



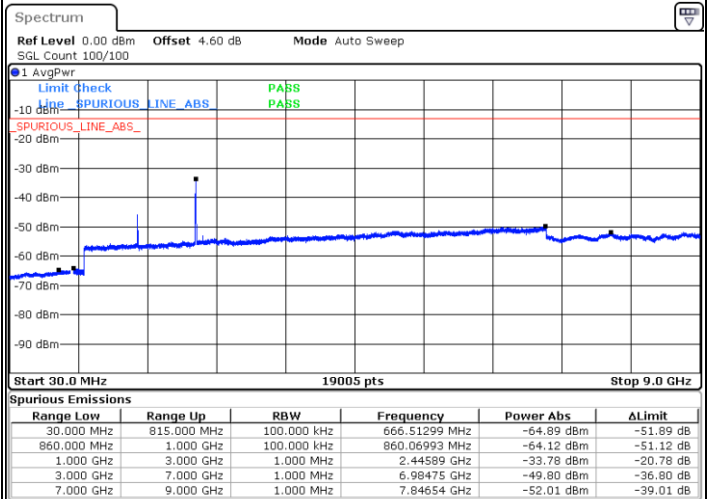
Date: 3 DEC. 2019 10:45:02

Highest Channel / QPSK



Date: 3 DEC. 2019 10:46:43

Highest Channel / 16QAM

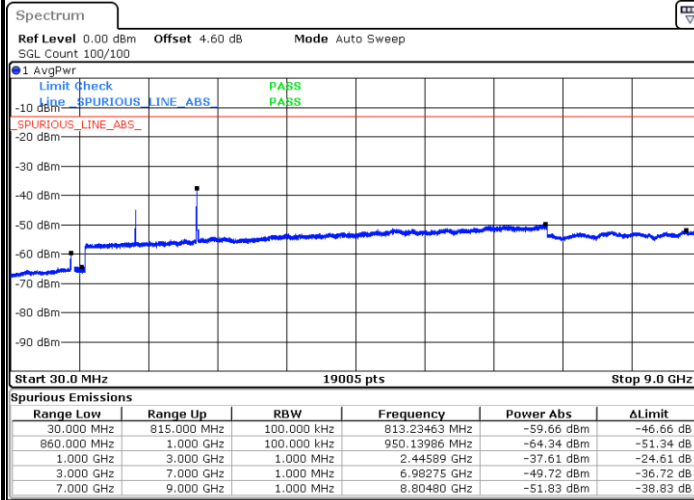


Date: 3 DEC. 2019 10:47:16



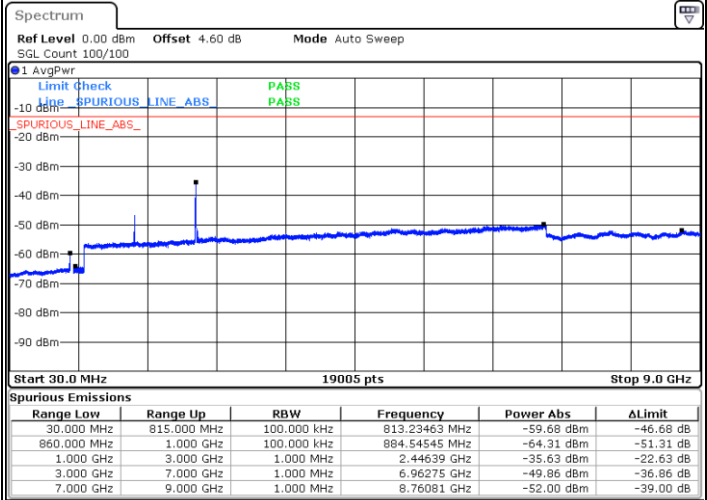
LTE Band 26 / 5MHz

Lowest Channel / QPSK



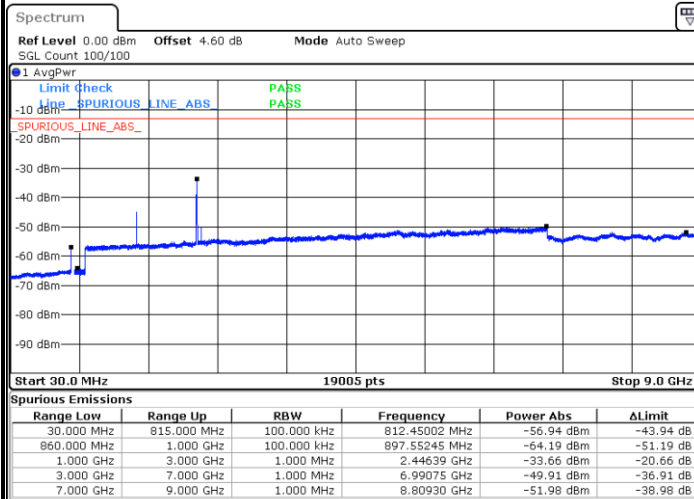
Date: 3 DEC. 2019 11:01:24

Lowest Channel / 16QAM



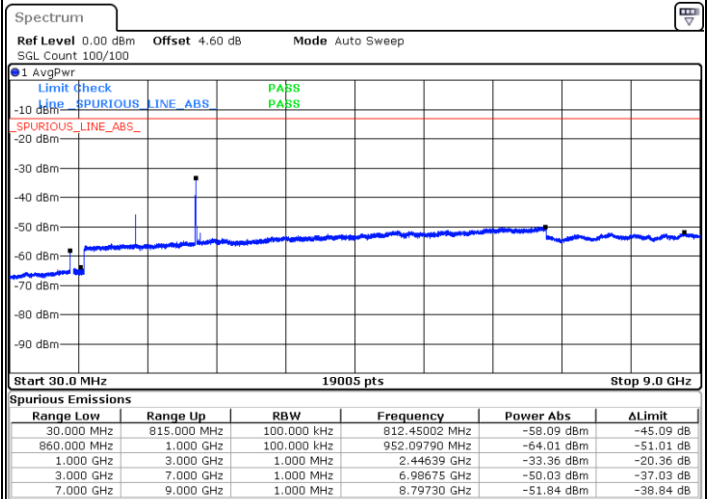
Date: 3 DEC. 2019 11:00:56

Middle Channel / QPSK



Date: 3 DEC. 2019 11:01:57

Middle Channel / 16QAM

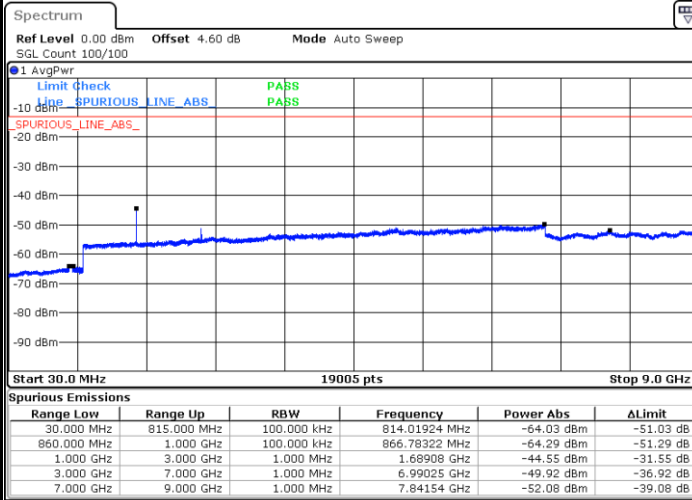


Date: 3 DEC. 2019 11:02:27



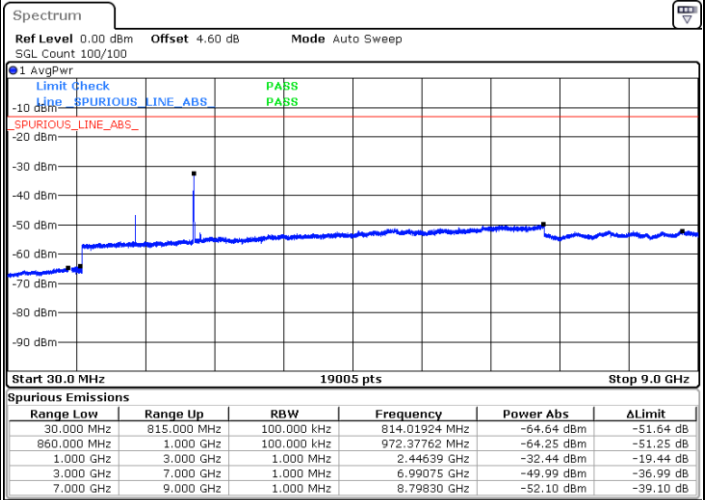
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 3 DEC 2019 11:04:07

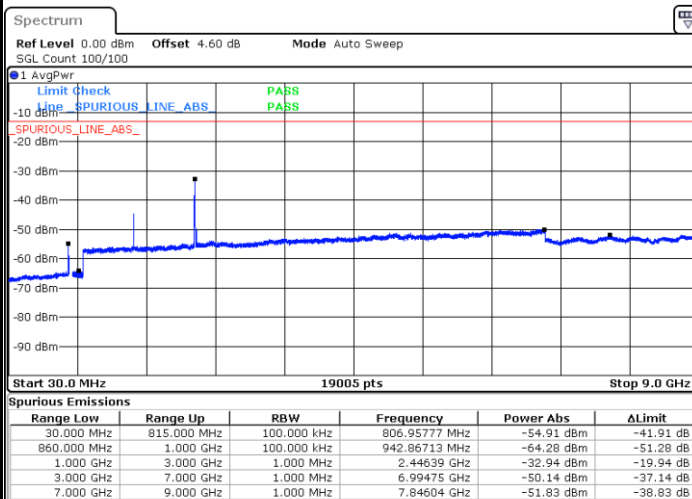
Highest Channel / 16QAM



Date: 3 DEC 2019 11:03:36

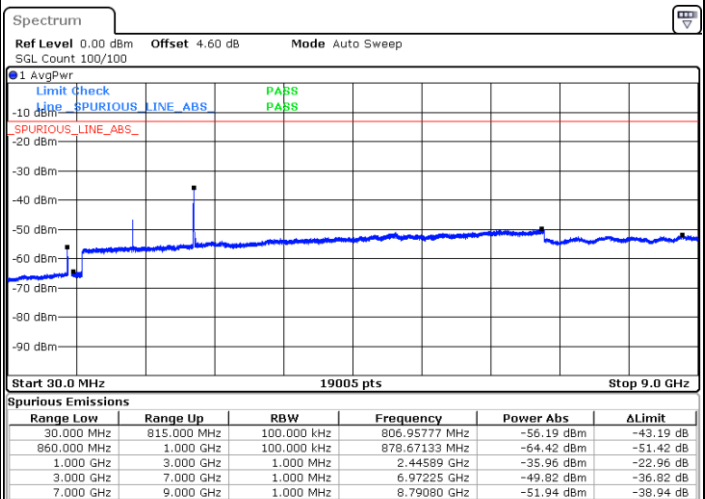
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 3 DEC 2019 11:27:30

Lowest Channel / 16QAM

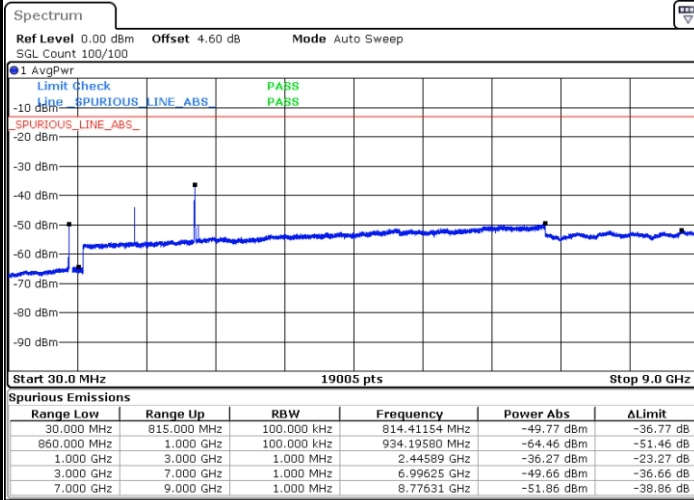


Date: 3 DEC 2019 11:27:58



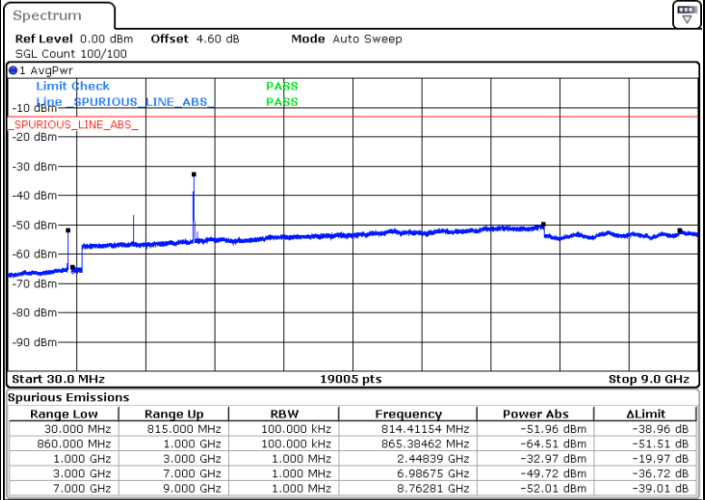
LTE Band 26 / 10MHz

Middle Channel / QPSK



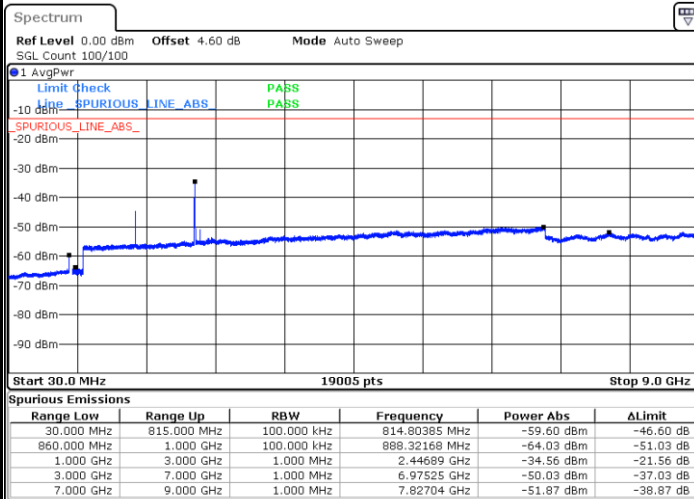
Date: 3 DEC. 2019 11:28:49

Middle Channel / 16QAM



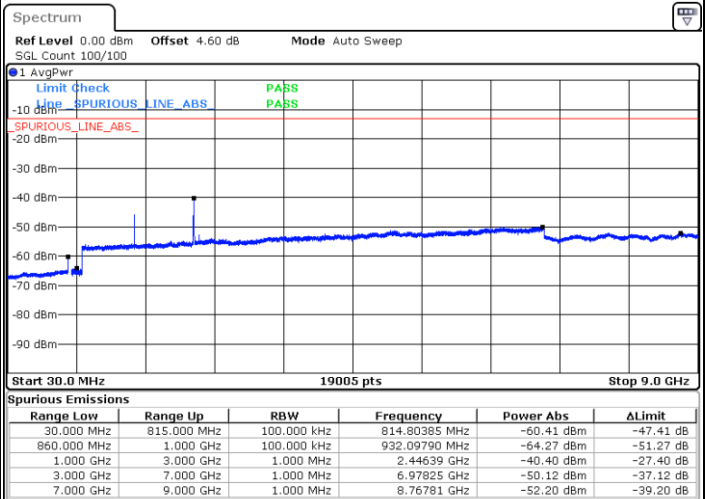
Date: 3 DEC. 2019 11:28:25

Highest Channel / QPSK



Date: 3 DEC. 2019 11:29:17

Highest Channel / 16QAM

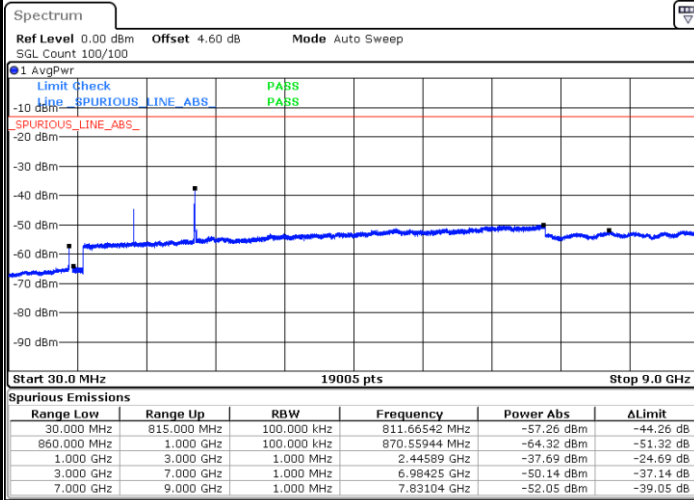


Date: 3 DEC. 2019 11:29:42



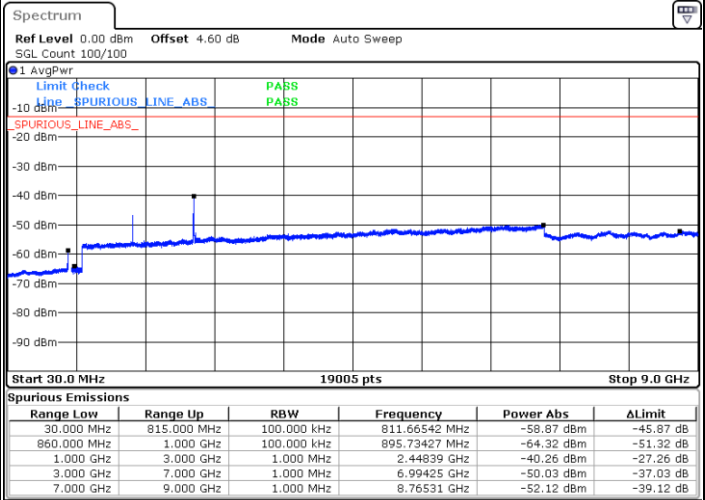
LTE Band 26 / 15MHz

Lowest Channel / QPSK



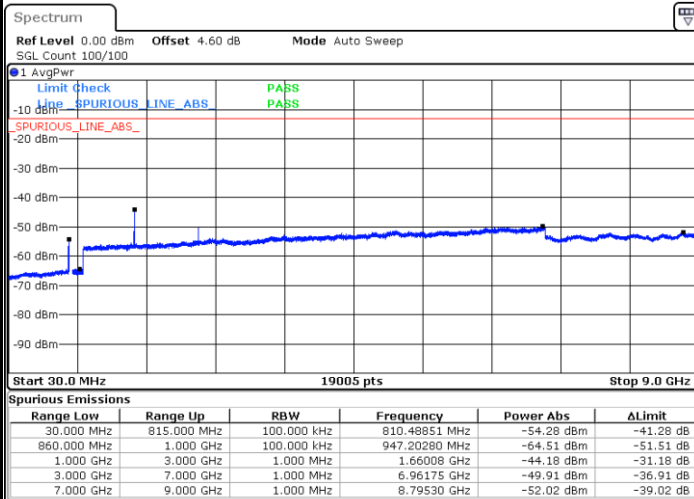
Date: 3 DEC. 2019 11:42:29

Lowest Channel / 16QAM



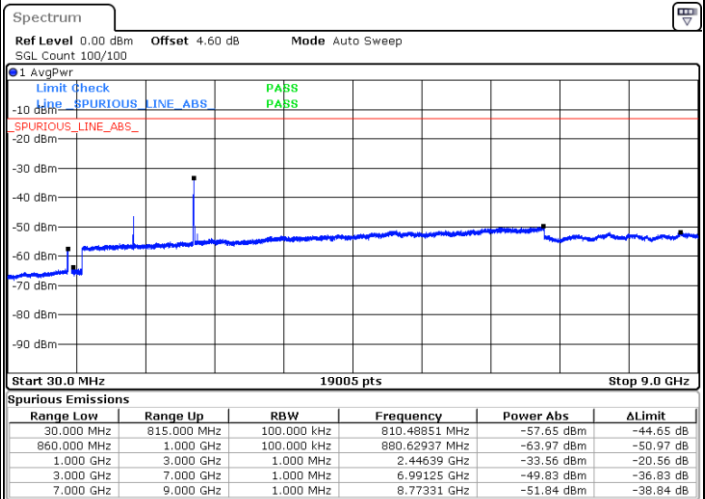
Date: 3 DEC. 2019 11:43:20

Middle Channel / QPSK



Date: 3 DEC. 2019 11:44:27

Middle Channel / 16QAM

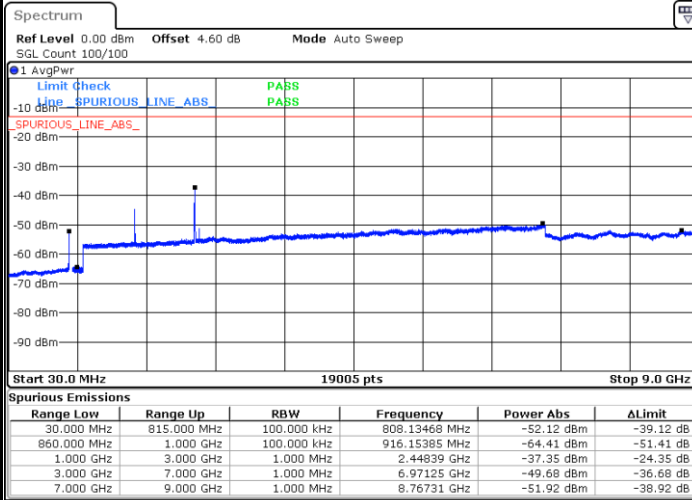


Date: 3 DEC. 2019 11:43:48



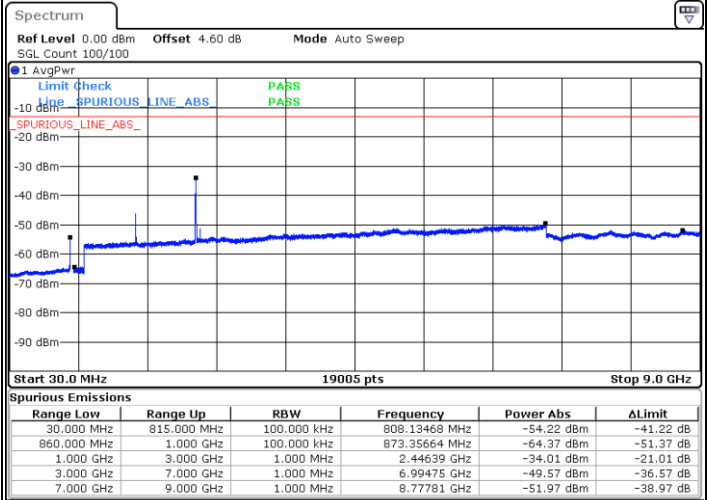
LTE Band 26 / 15MHz

Highest Channel / QPSK



Date: 3 DEC 2019 11:44:57

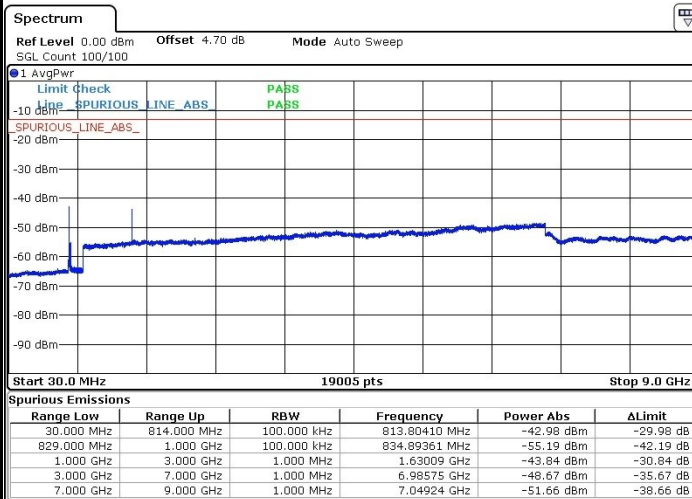
Highest Channel / 16QAM



Date: 3 DEC 2019 11:45:41

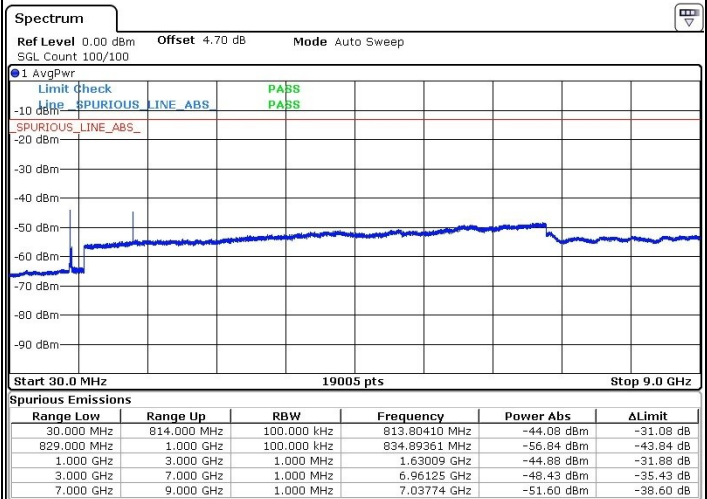
CH26765 / 15MHz

Lowest Channel / QPSK



Date: 29 NOV 2019 21:52:22

Lowest Channel / 16QAM



Date: 29 NOV 2019 21:52:27

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0084	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0093	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0072	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0076	

Note:

1. Normal Voltage =3.7V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.



LTE Band 41

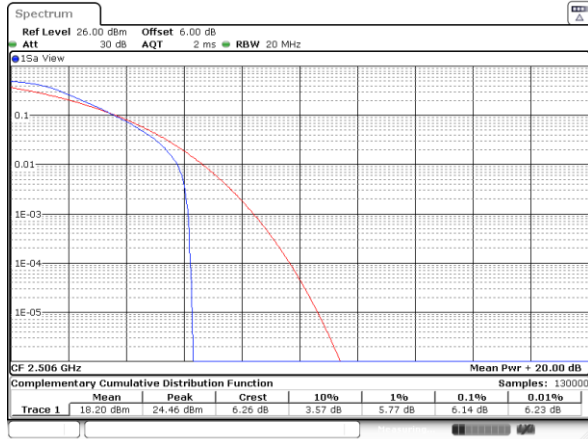
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	6.14	6.70	5.71	5.88	PASS
Middle CH	5.42	6.41	5.68	6.03	
Highest CH	5.68	5.04	5.91	6.14	

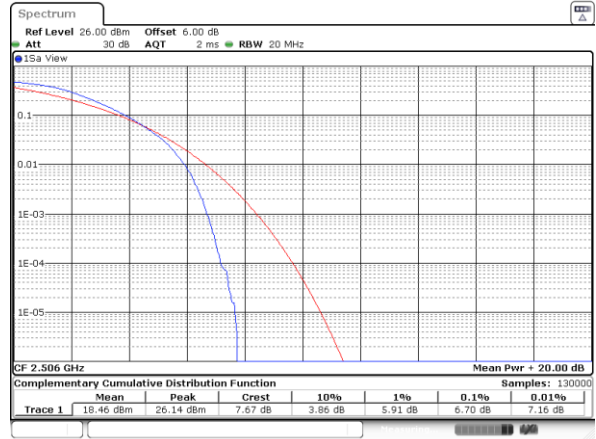


LTE Band 41 / 20MHz / QPSK

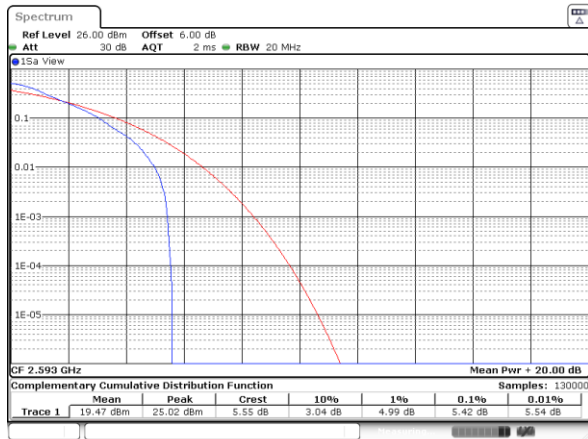
Lowest Channel / 1RB



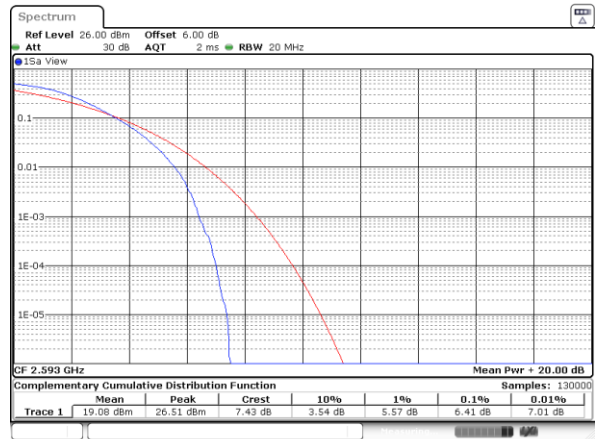
Lowest Channel / Full RB



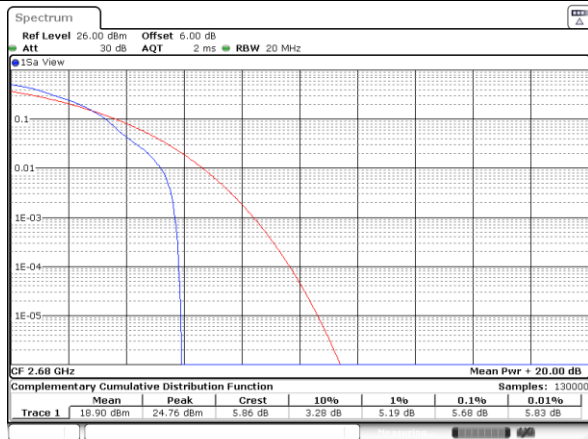
Middle Channel / 1RB



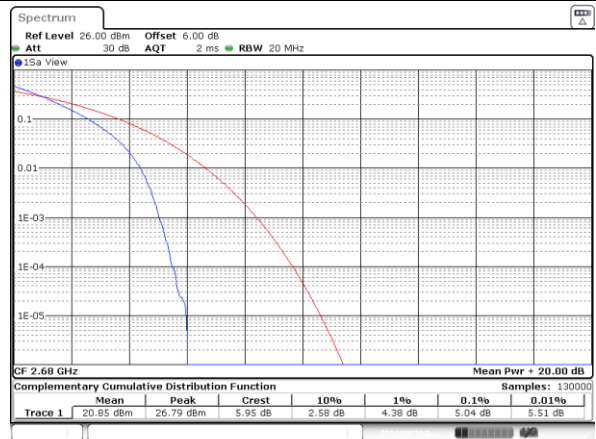
Middle Channel / Full RB



Highest Channel / 1RB



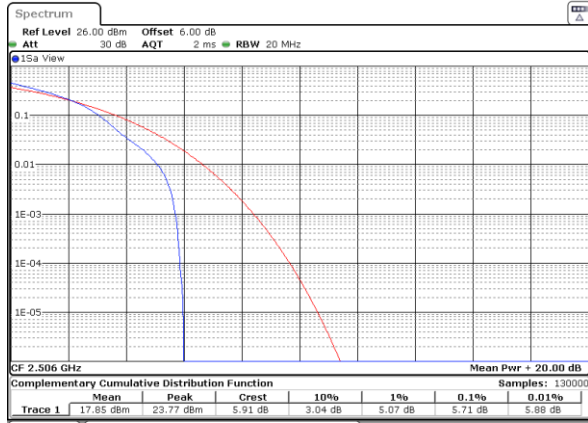
Highest Channel / Full RB



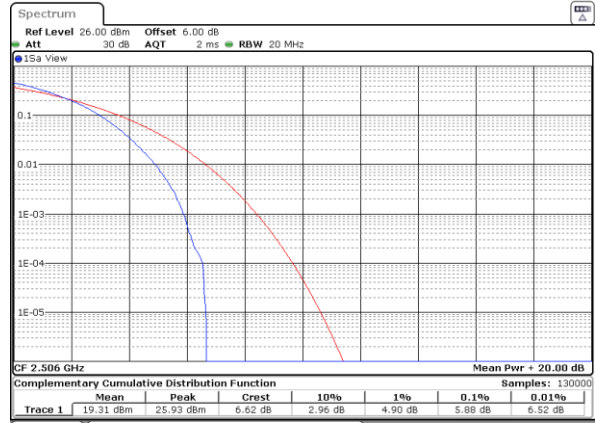


LTE Band 41 / 20MHz / 16QAM

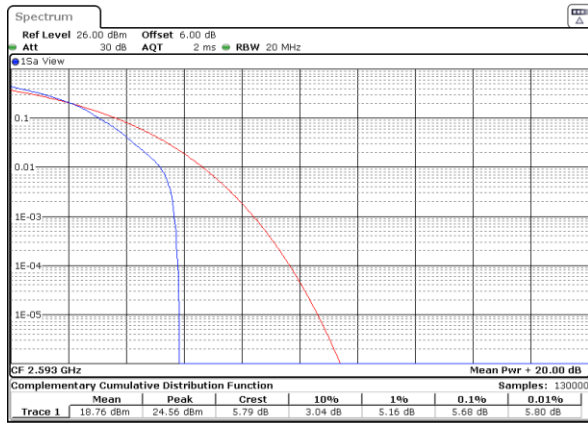
Lowest Channel / 1RB



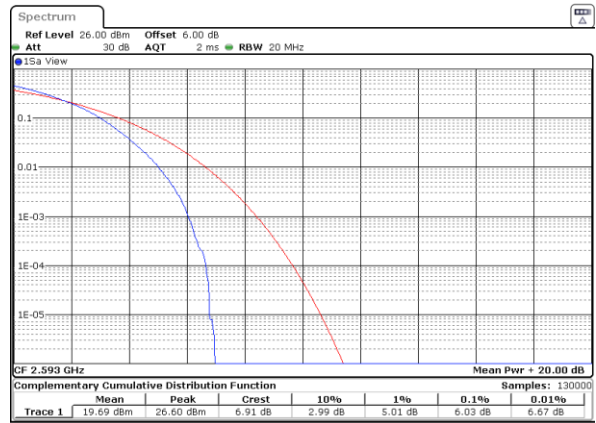
Lowest Channel / Full RB



Middle Channel / 1RB



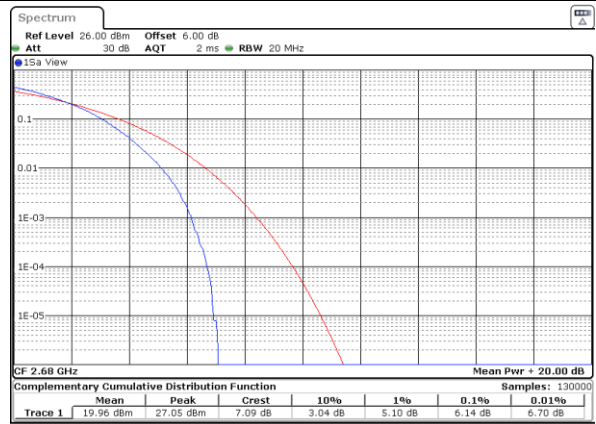
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



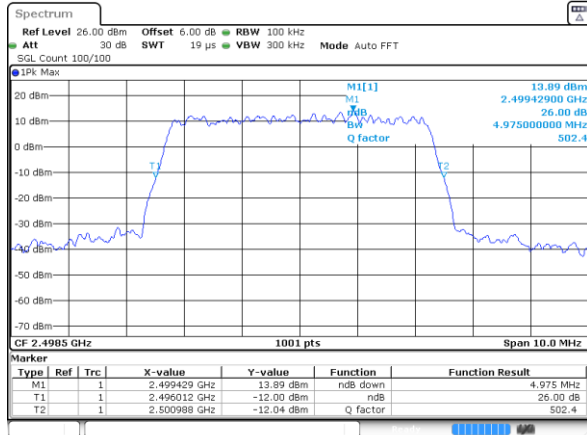
**26dB Bandwidth**

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.98	4.94	9.79	9.63	14.33	14.54	20.06	20.18
Middle CH					4.93	4.88	9.65	9.65	14.42	14.24	20.22	20.1
Highest CH					5.04	4.82	9.69	9.69	14.36	14.27	20.06	20.06



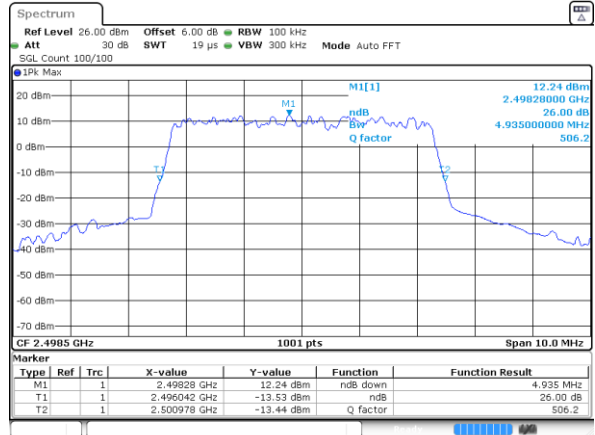
LTE Band 41

Lowest Channel / 5MHz / QPSK



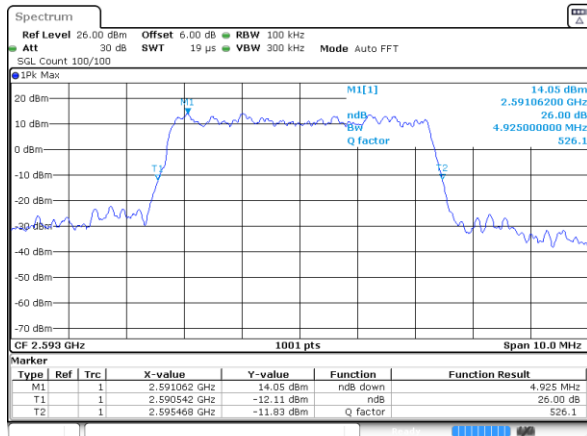
Date: 3 DEC 2019 14:34:41

Lowest Channel / 5MHz / 16QAM



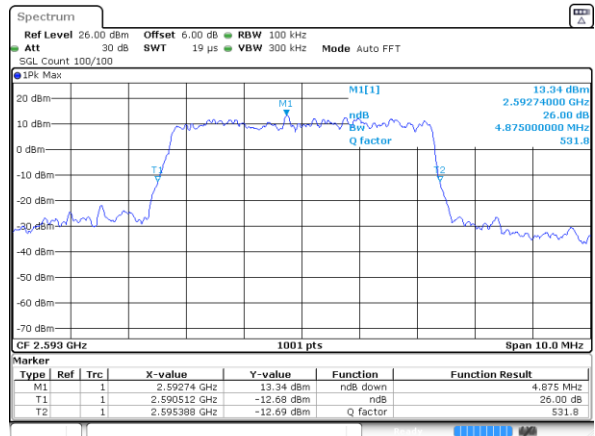
Date: 3 DEC 2019 14:34:51

Middle Channel / 5MHz / QPSK



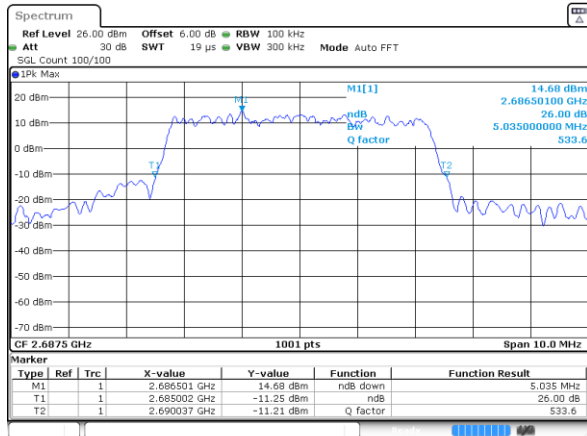
Date: 3 DEC 2019 14:35:21

Middle Channel / 5MHz / 16QAM



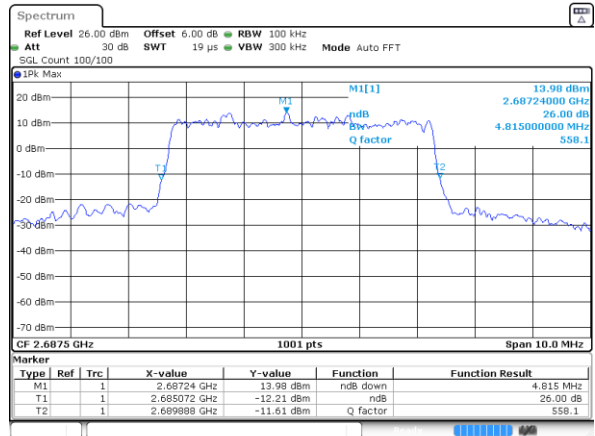
Date: 3 DEC 2019 14:35:31

Highest Channel / 5MHz / QPSK



Date: 3 DEC 2019 14:36:01

Highest Channel / 5MHz / 16QAM



Date: 3 DEC 2019 14:36:11



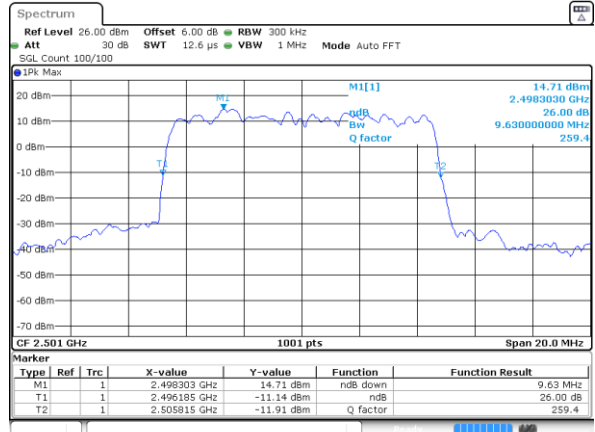
LTE Band 41

Lowest Channel / 10MHz / QPSK



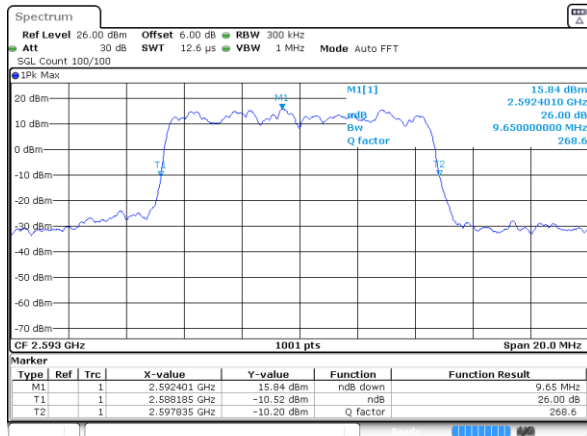
Date: 3 DEC 2019 14:36:42

Lowest Channel / 10MHz / 16QAM



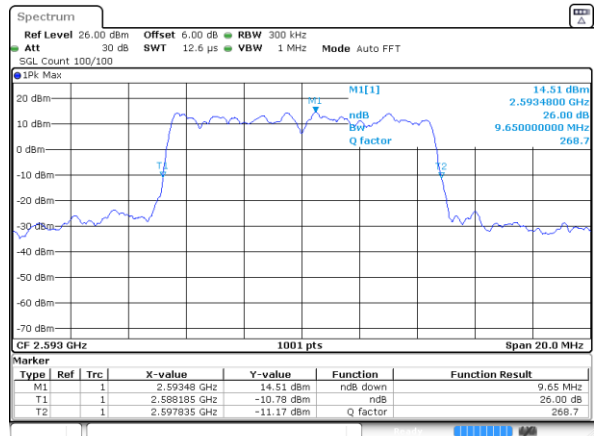
Date: 3 DEC 2019 14:36:51

Middle Channel / 10MHz / QPSK



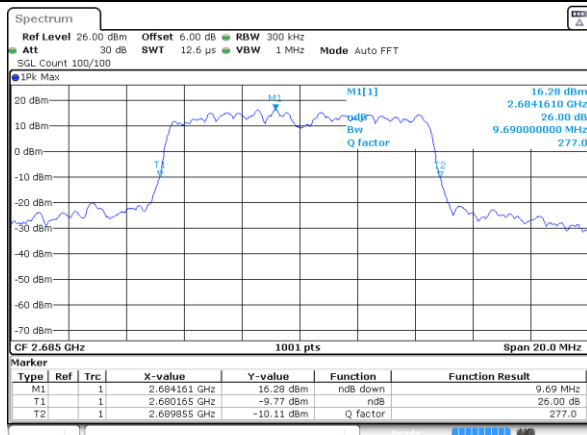
Date: 3 DEC 2019 14:37:22

Middle Channel / 10MHz / 16QAM



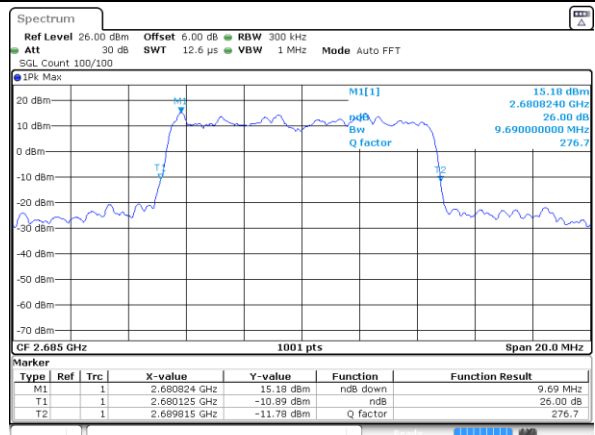
Date: 3 DEC 2019 14:37:31

Highest Channel / 10MHz / QPSK



Date: 3 DEC 2019 14:38:01

Highest Channel / 10MHz / 16QAM

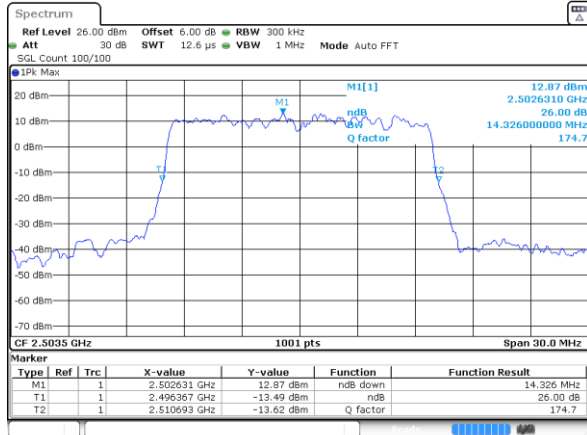


Date: 3 DEC 2019 14:38:11



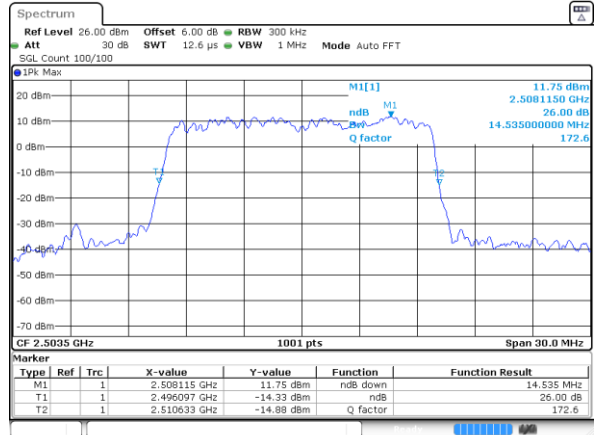
LTE Band 41

Lowest Channel / 15MHz / QPSK



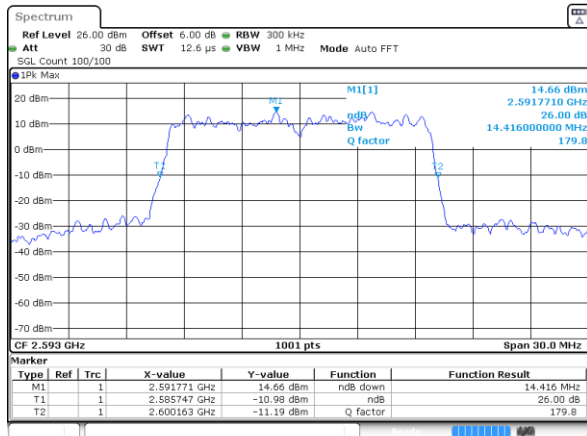
Date: 3 DEC 2019 14:38:42

Lowest Channel / 15MHz / 16QAM



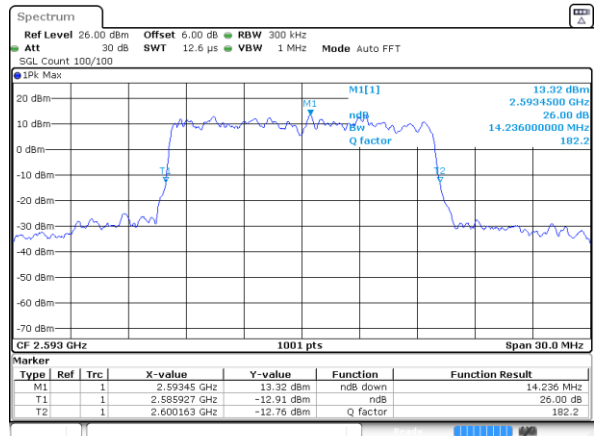
Date: 3 DEC 2019 14:38:52

Middle Channel / 15MHz / QPSK



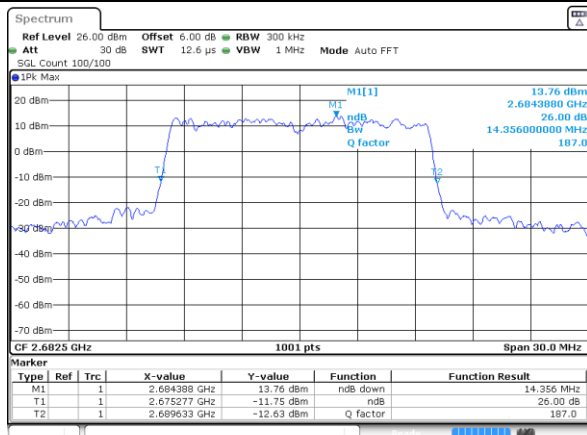
Date: 3 DEC 2019 14:39:22

Middle Channel / 15MHz / 16QAM



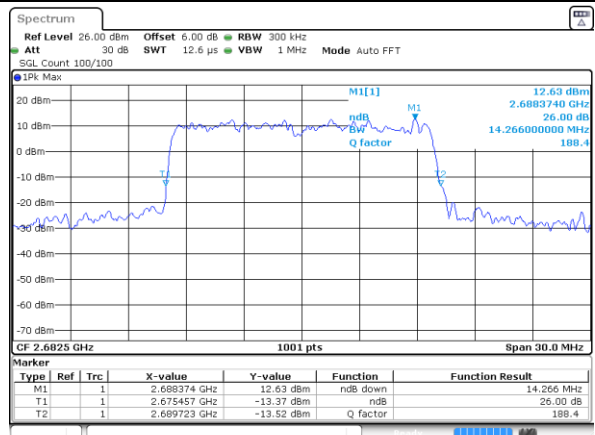
Date: 3 DEC 2019 14:39:32

Highest Channel / 15MHz / QPSK



Date: 3 DEC 2019 14:40:02

Highest Channel / 15MHz / 16QAM

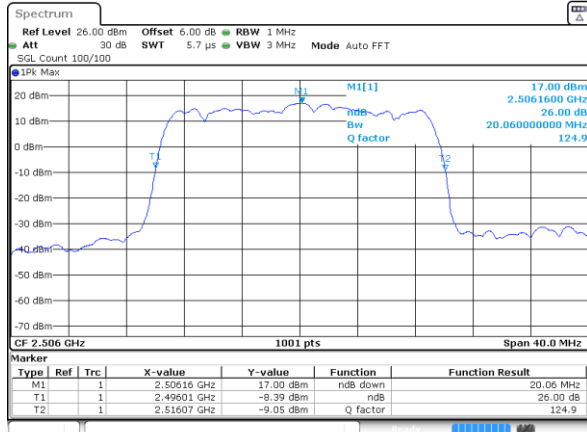


Date: 3 DEC 2019 14:40:12

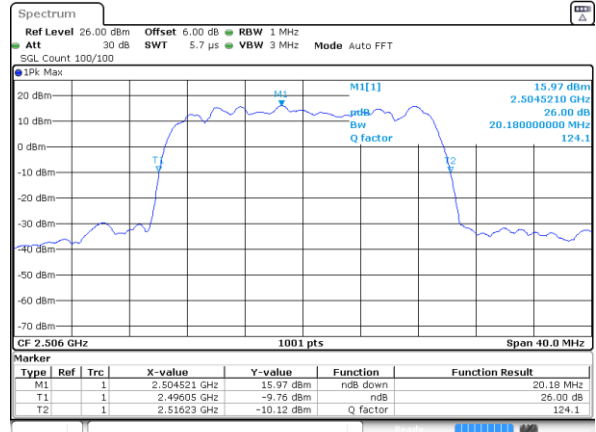


LTE Band 41

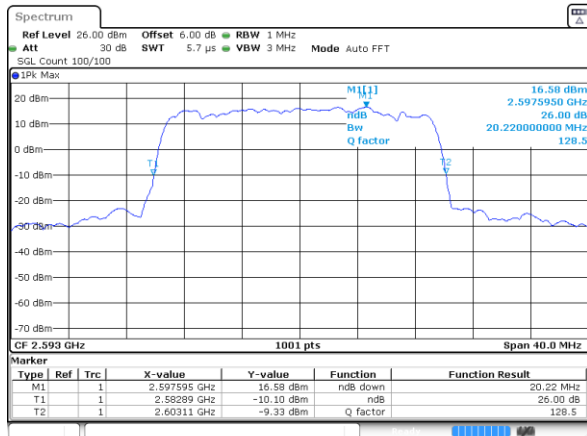
Lowest Channel / 20MHz / QPSK



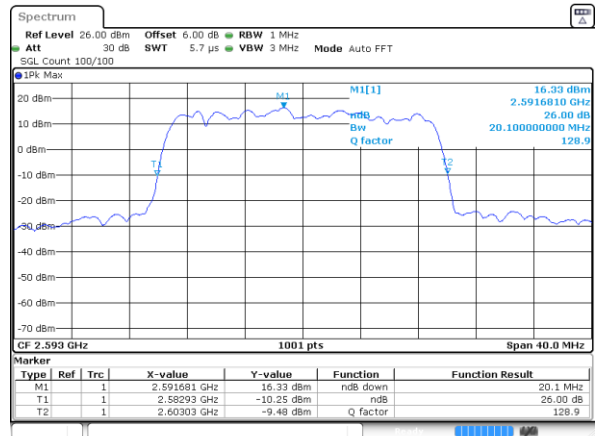
Lowest Channel / 20MHz / 16QAM



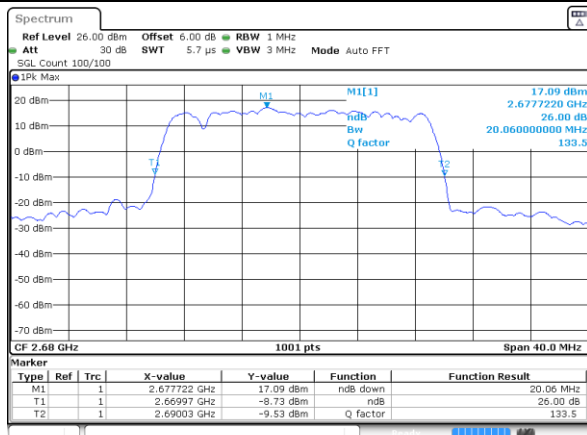
Middle Channel / 20MHz / QPSK



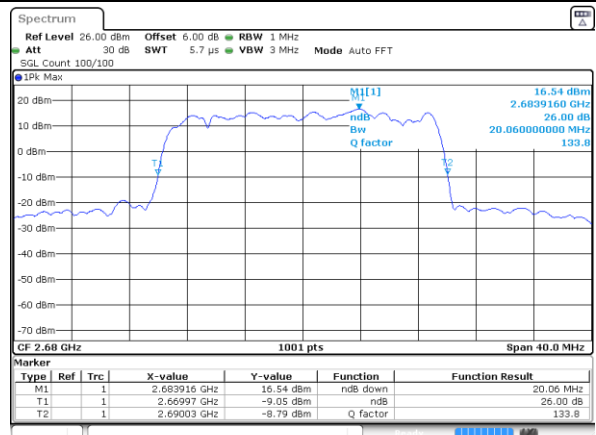
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



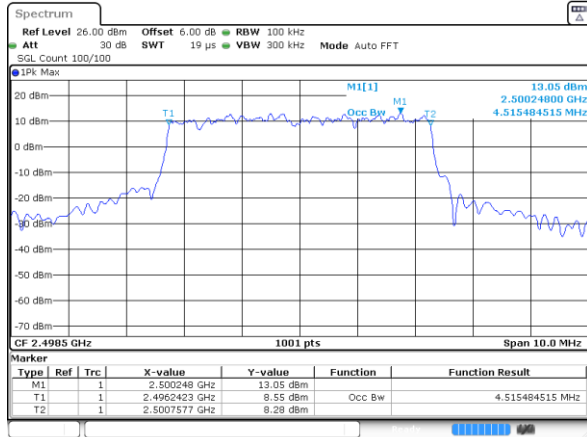
**Occupied Bandwidth**

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.515	4.515	9.031	9.091	13.337	13.367	18.422	18.222
Middle CH	-	-	-	-	4.496	4.505	9.011	9.011	13.427	13.427	18.342	18.222
Highest CH	-	-	-	-	4.496	4.466	8.991	9.011	13.397	13.427	18.102	18.382

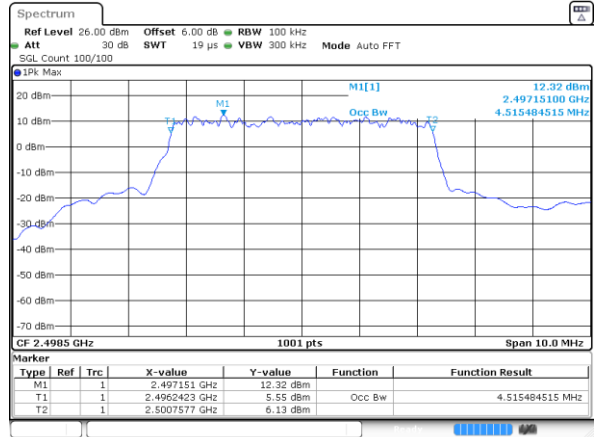


LTE Band 41

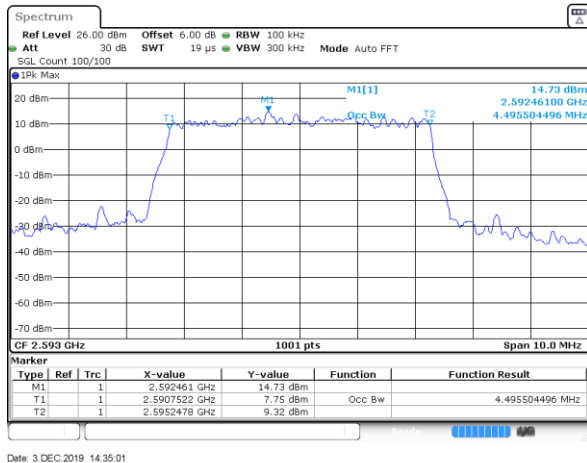
Lowest Channel / 5MHz / QPSK



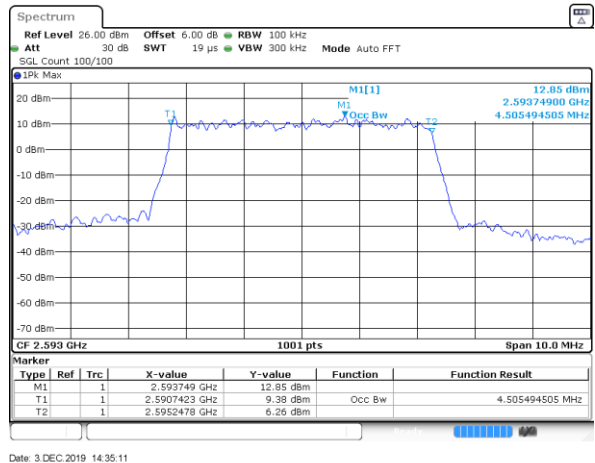
Lowest Channel / 5MHz / 16QAM



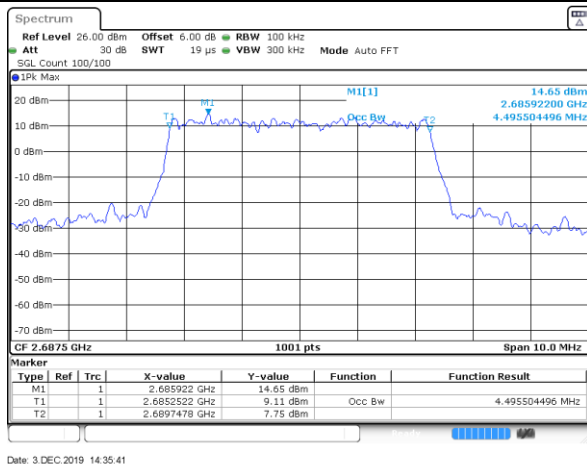
Middle Channel / 5MHz / QPSK



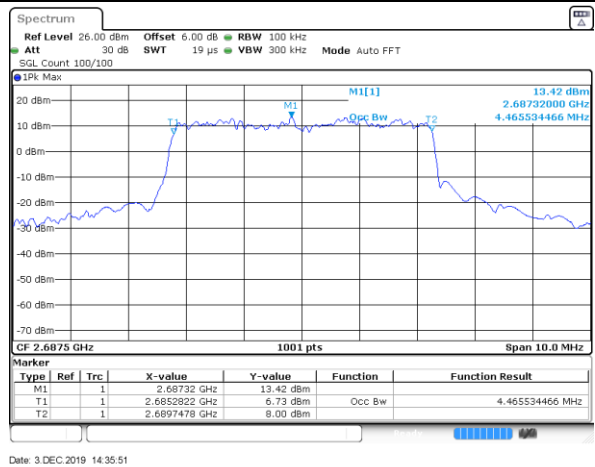
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



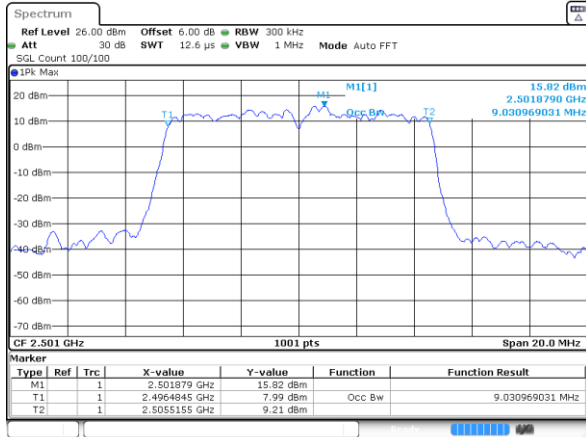
Highest Channel / 5MHz / 16QAM





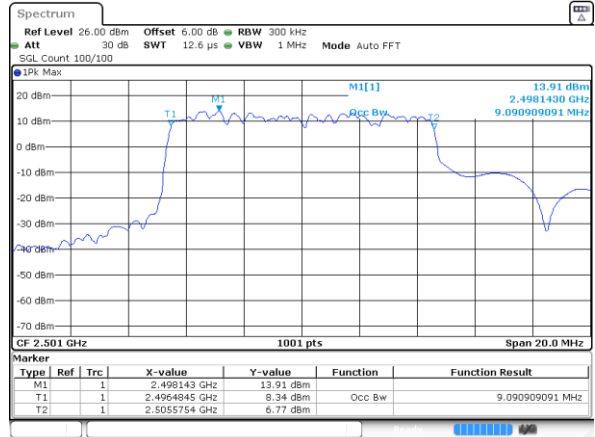
LTE Band 41

Lowest Channel / 10MHz / QPSK



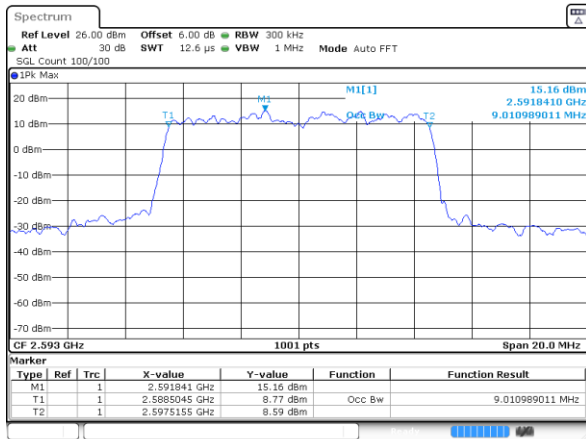
Date: 3 DEC 2019 14:36:21

Lowest Channel / 10MHz / 16QAM



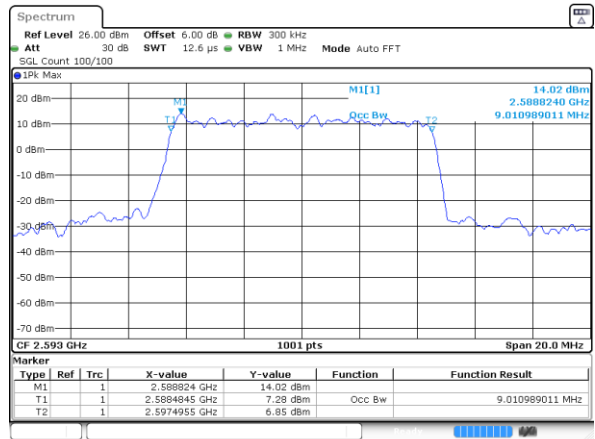
Date: 3 DEC 2019 14:36:32

Middle Channel / 10MHz / QPSK



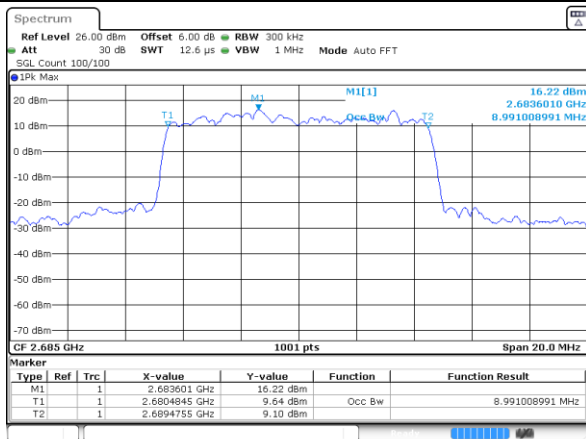
Date: 3 DEC 2019 14:37:02

Middle Channel / 10MHz / 16QAM



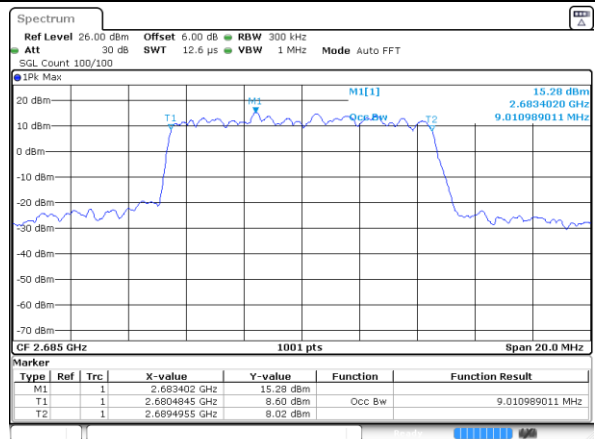
Date: 3 DEC 2019 14:37:12

Highest Channel / 10MHz / QPSK



Date: 3 DEC 2019 14:37:41

Highest Channel / 10MHz / 16QAM

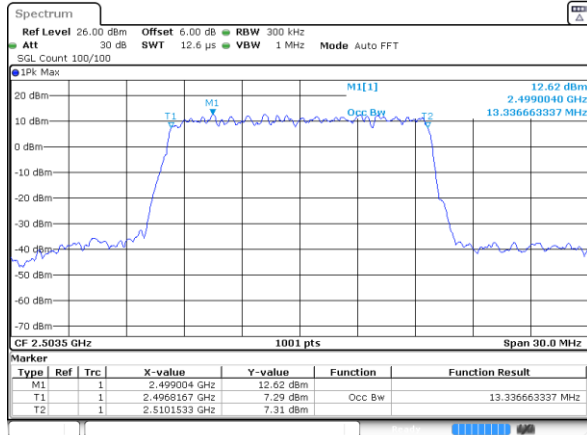


Date: 3 DEC 2019 14:37:51



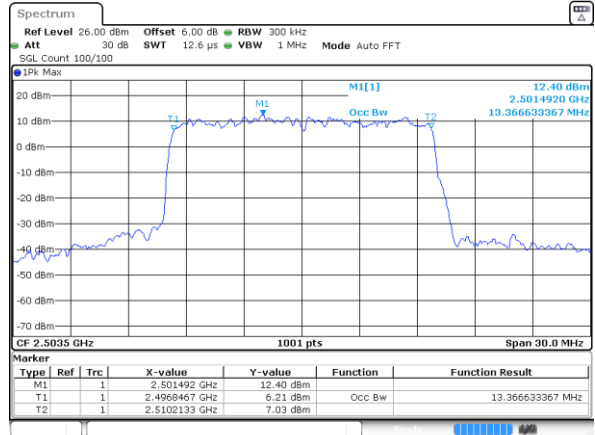
LTE Band 41

Lowest Channel / 15MHz / QPSK



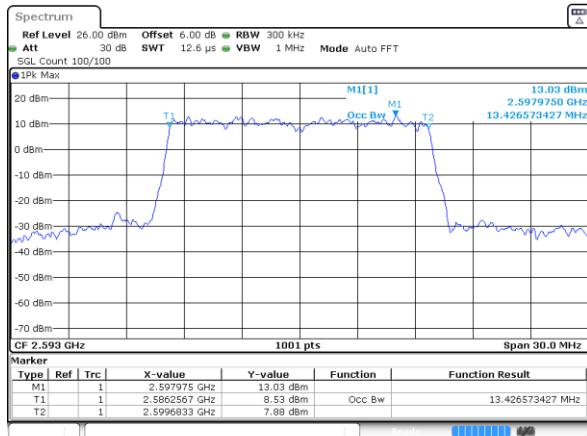
Date: 3 DEC 2019 14:38:21

Lowest Channel / 15MHz / 16QAM



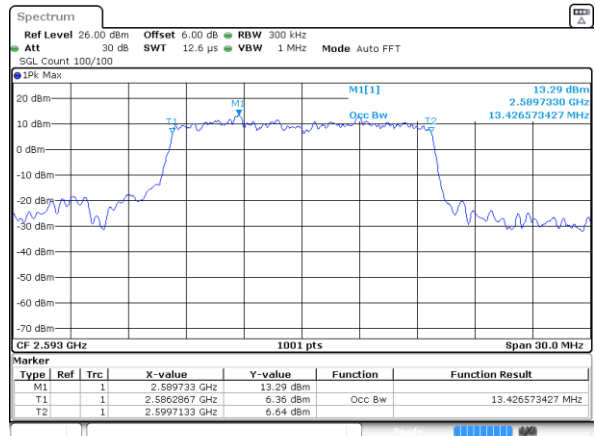
Date: 3 DEC 2019 14:38:32

Middle Channel / 15MHz / QPSK



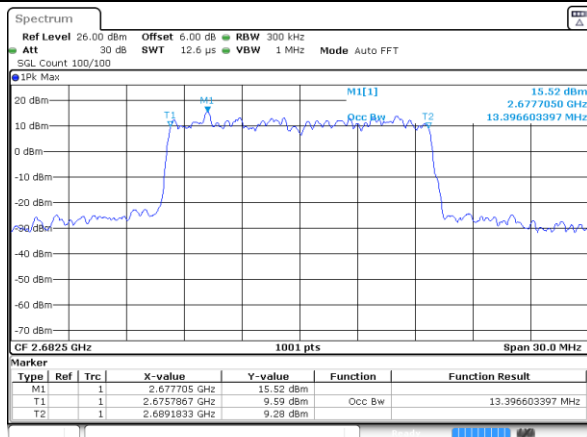
Date: 3 DEC 2019 14:39:02

Middle Channel / 15MHz / 16QAM



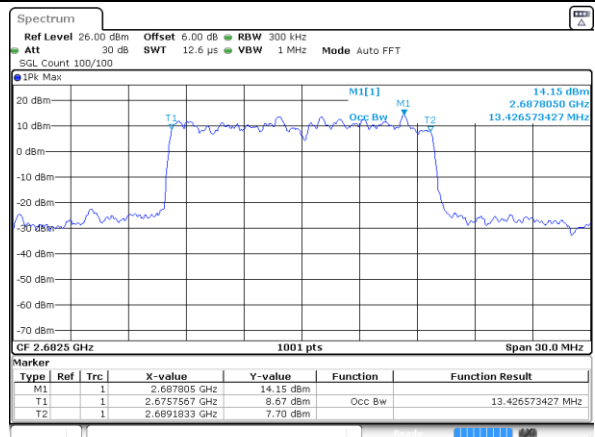
Date: 3 DEC 2019 14:39:12

Highest Channel / 15MHz / QPSK



Date: 3 DEC 2019 14:39:42

Highest Channel / 15MHz / 16QAM

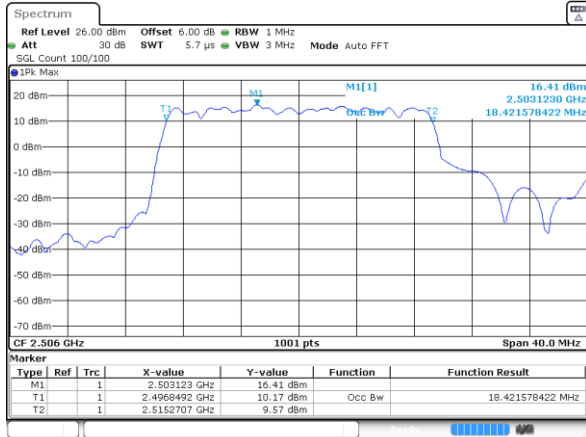


Date: 3 DEC 2019 14:39:52

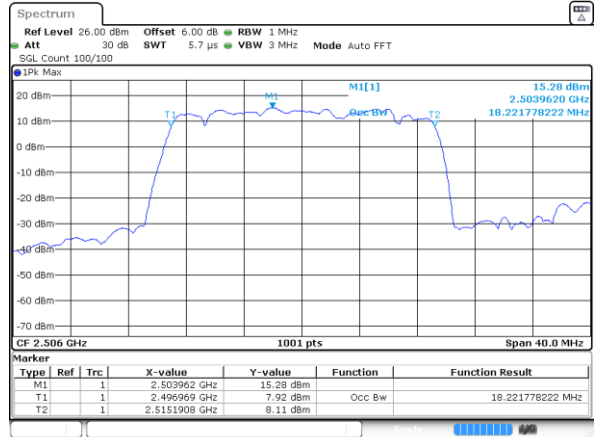


LTE Band 41

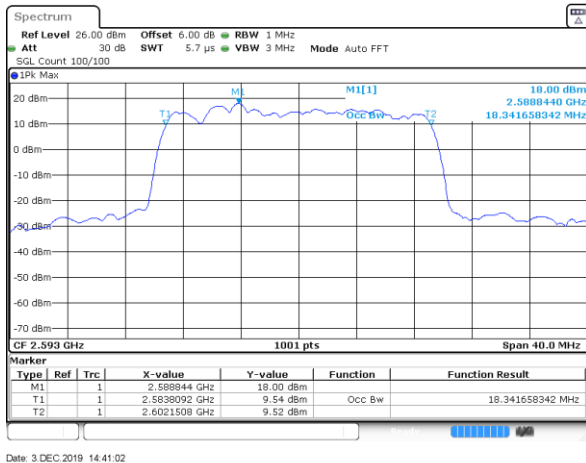
Lowest Channel / 20MHz / QPSK



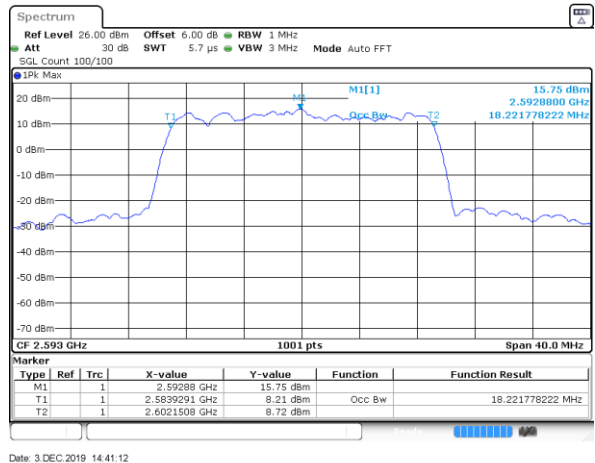
Lowest Channel / 20MHz / 16QAM



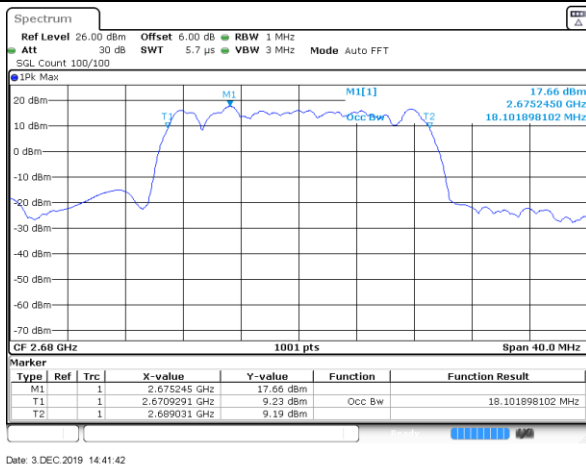
Middle Channel / 20MHz / QPSK



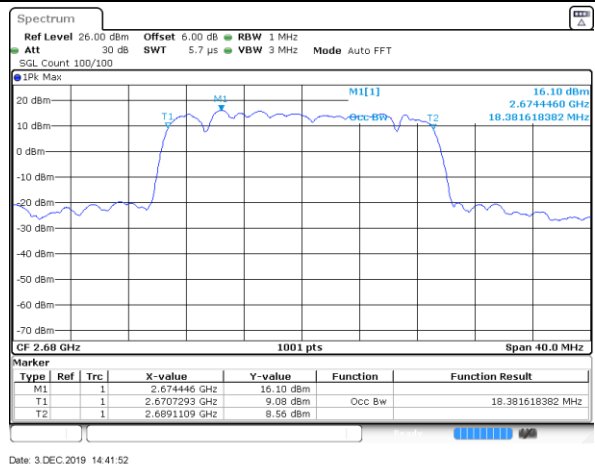
Middle Channel / 20MHz / 16QAM

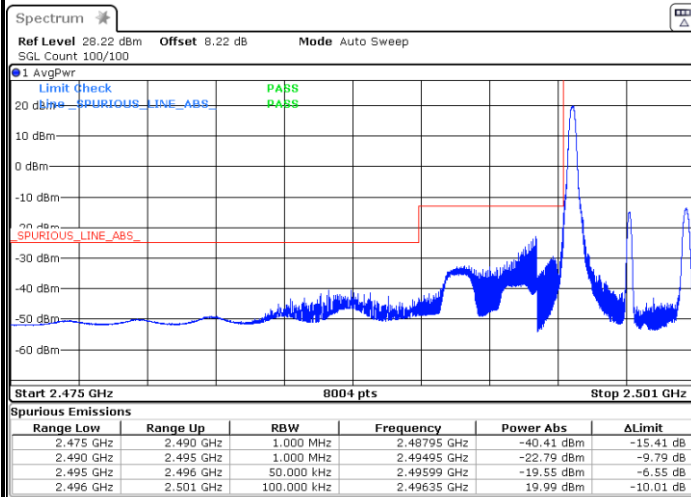
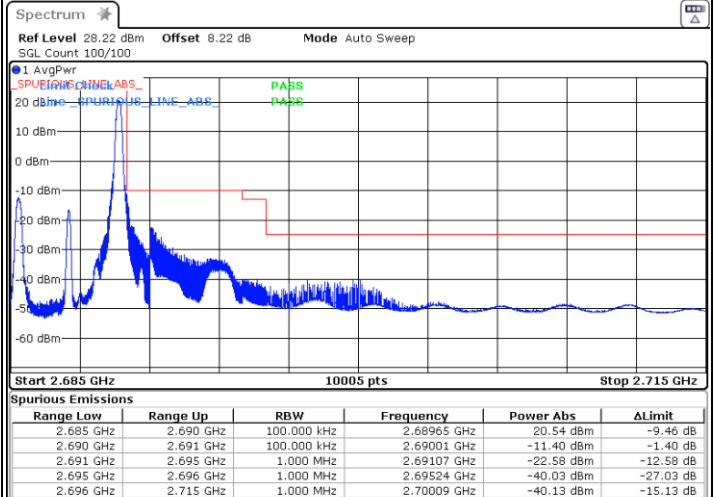
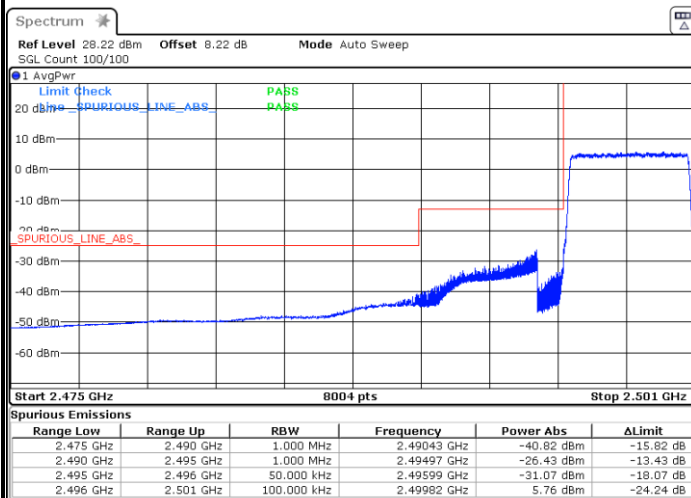
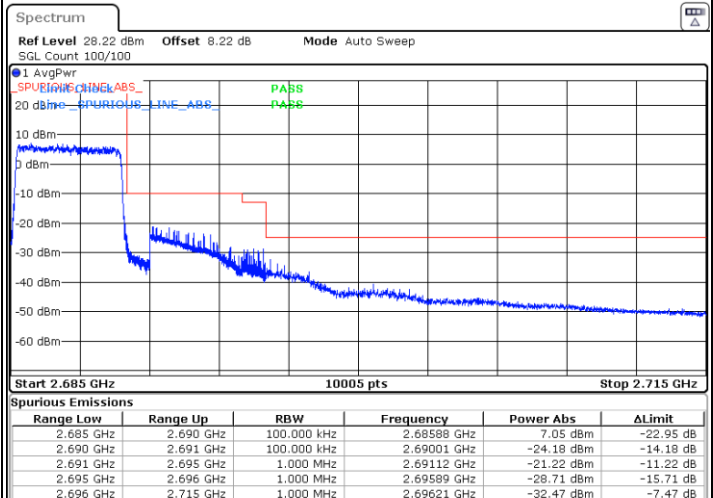


Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM

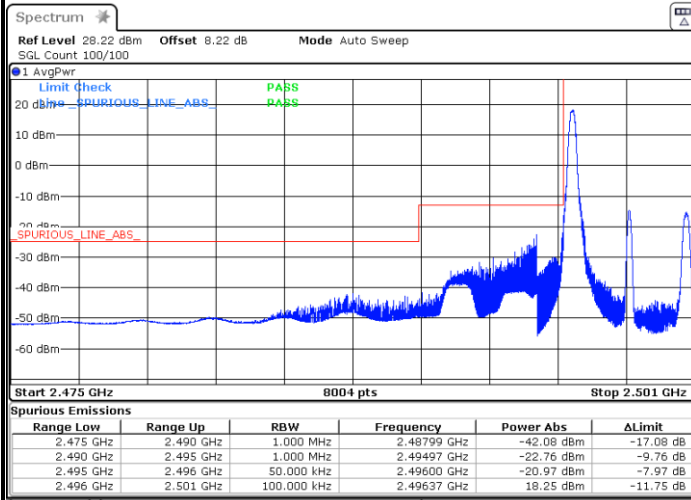


**Conducted Band Edge****LTE Band 41 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



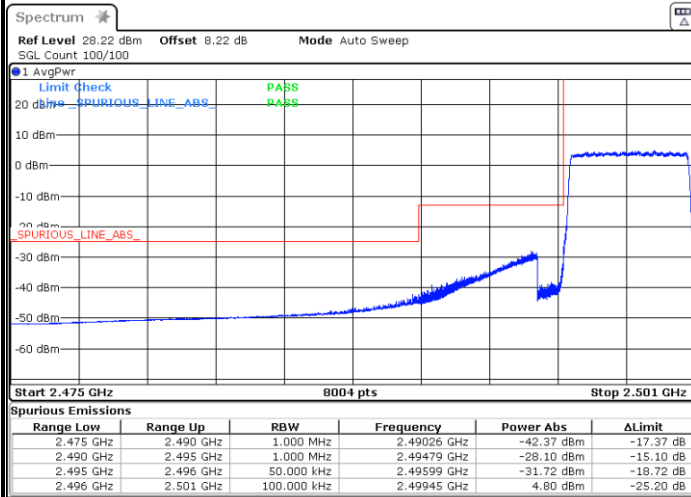
Date: 3 DEC 2019 15:49:39

Highest Band Edge / 1 RB



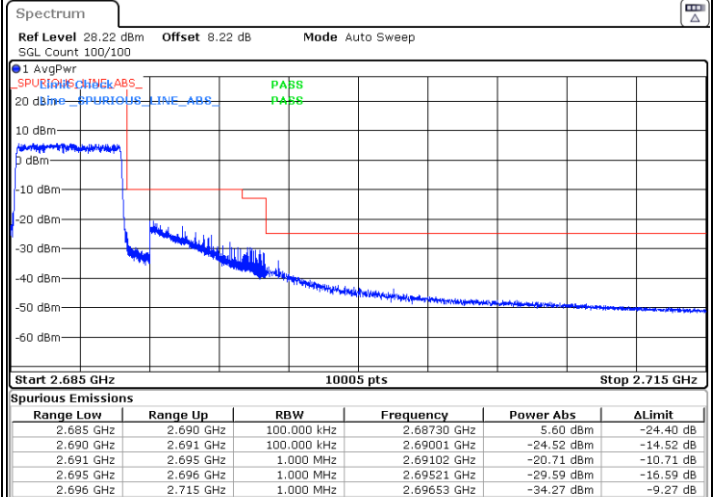
Date: 3 DEC 2019 15:54:52

Lowest Band Edge / Full RB



Date: 3 DEC 2019 15:53:31

Highest Band Edge / Full RB



Date: 3 DEC 2019 15:57:36